

5/12/1983

Not RCRA

JWatt
4/22/86

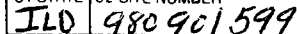
EPA L16782516 POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT		I. IDENTIFICATION	
		01 STATE ILO	02 SITE NUMBER 980901599
II. SITE NAME AND LOCATION			
01 SITE NAME (Legal, common, or descriptive name of site) Buerkett No. 2 Landfill		02 STREET, ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER Jct Ash St + DIRKSEN PKWY	
03 CITY Springfield	04 STATE IL	05 ZIP CODE 62703	06 COUNTY SANGAMON
07 COUNTY CODE 167	08 CONG DIST 20		
09 COORDINATES LATITUDE 39 46 30.0		LONGITUDE 089 36 00.0	
10 DIRECTIONS TO SITE (Starting from nearest public road) SW 1/4, SW 1/4, Section 1 and NW 1/4, NW 1/4, Section 12, Township 15 North, Range 5 West			
III. RESPONSIBLE PARTIES			
01 OWNER (if known) Bill Poston		02 STREET (Business, mailing, residential) 2136 Bates Avenue	
03 CITY Springfield	04 STATE IL	05 ZIP CODE 62704	06 TELEPHONE NUMBER ()
07 OPERATOR (if known and different from owner) M Buerkett, INC.		08 STREET (Business, mailing, residential) P.O. Box 4607	
09 CITY Springfield	10 STATE IL	11 ZIP CODE 62708	12 TELEPHONE NUMBER (523) 549-7621
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> G. UNKNOWN			
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE			
IV. CHARACTERIZATION OF POTENTIAL HAZARD			
01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 09/18/74 <input type="checkbox"/> NO 09-09-85		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____	
02 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION BEGINNING YEAR 1975 ENDING YEAR Present <input type="checkbox"/> UNKNOWN	
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED General Municipal Refuse (Landfill) Non-hazardous Special Wastes			
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION Groundwater (population, environment) Surface water (environment)			
V. PRIORITY ASSESSMENT			
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
VI. INFORMATION AVAILABLE FROM			
01 CONTACT Merle Buerkett		02 OF (Agency/Organization) Operator	
03 TELEPHONE NUMBER 217 523 5497			
04 PERSON RESPONSIBLE FOR ASSESSMENT Kenneth L. Page		05 AGENCY IEPA	06 ORGANIZATION RPMS
07 TELEPHONE NUMBER (217) 752 0760		08 DATE 03/24/86 MONTH DAY YEAR	

EPA FORM 2070-12 (7-81)

EPA Region 5 Records Ctr.



298777



I HIGHLY VOLATILE
J EXPLOSIVE
K REACTIVE
L INCOMPATIBLE
M NOT APPLICABLE

EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL 980 901599

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED 500

02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

All landfills leak, there is the potential for groundwater contamination, private well use would be impacted

01 ☒ B SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED UNKNOWN

02 ☒ OBSERVED (DATE 072980) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Leachate flowing into drainage ditch to East Then thru cement pipe into stream running west to East Bisecting site. Closest Surface water to the site is Sugar Creek.

01 ☒ C CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED UNKNOWN

02 ☒ OBSERVED (DATE 032182) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Open-burning of Refuse

01 ☐ D FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ E DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ F CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED _____
(Acres)

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ G DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ H WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ I POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

ILC 980901599

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills runoff standing liquids leaking drums)
03 POPULATION POTENTIALLY AFFECTED _____

02 ☒ OBSERVED (DATE: 04/27/82)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION
Leachate ponded and flowing

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 500

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

IEPA Division Files - Land

EXECUTIVE SUMMARY

The Buerkett 31st Street Landfill, ILD980901599, L1678250016, is a general municipal refuse and non-hazardous special waste sanitary landfill located near the intersections of Sections 1, 2, 11 and 12, Township 15 North, Range 5 West, in Sangamon County, Illinois.

The site was operated as a refuse disposal facility from approximately 1967 to 1970 by Buerkett. An Agency inspection (IEPA) on August 4, 1971 showed that the site was not operating, that one of two entrances to the property had been closed, and that 10 to 15 acres had been used to dispose of concrete, wood ties, and miscellaneous articles. The operator of the site did not secure an Agency permit, or a Department of Public Health permit, prior to operating the site.

The site has been operational since 1975 under authority of Illinois Environmental Protection Agency Permit Number 1975-1-OP. The landfill operated in three distinct areas known as Pit A, Pit B and Pit C. Pits A and B have been completed and all fill activity is now in Pit C, as authorized by Supplemental Permit No. 1985-6-SP, dated March 15, 1985. Pit C is an approximate 20 acre parcel, with a net fill area of approximately 16 acres.

Merle Buerkett has been a named respondent in three enforcement actions filed before the Illinois Pollution Control Board, in which final orders were issued against Buerkett for improper operations of the landfill.

- I. IEPA v. Clay Products, Merle Buerkett et al., PCB 871-4, June 23, 1971.
- II. IEPA v. Merle Buerkett and Harold Cline, PCB 77-294, April 27, 1978.
- III. IEPA v. Capital City Land, Inc., Merle Buerkett et al., PCB 81-182, September 15, 1982.

In all cases, the Board found Buerkett in violation of the Chapter 7 Solid Waste Rules and Regulations for failure to comply with the daily, intermediate, and/or final cover requirements.

Other repeated violations that this landfill was cited for are:

1. daily cover not being provided adequately to all refuse;
2. solid waste being deposited at the top of the slope instead of being deposited at the toe of the fill;
3. evidence of leachate flows and ponded leachate;
4. intermediate covering was not satisfactory;

5. large amounts of windblown litter was observed in and around the site;
6. inadequate depth of daily cover;
7. solid waste being dumped into standing water;
8. improper completed manifests;
9. vectors (birds);
10. open burning;
11. inadequate spreading and compacting; and
12. operating outside permitted hours.

The last inspection was conducted on September 9, 1985 by Rick Lanham, DLPC/FOS, Central Region. The inspection noted a violation of the site's operating permit by accepting demolition wastes that contained metal and wood debris. All other operations at the site on the above date (9/9/85) was in compliance.

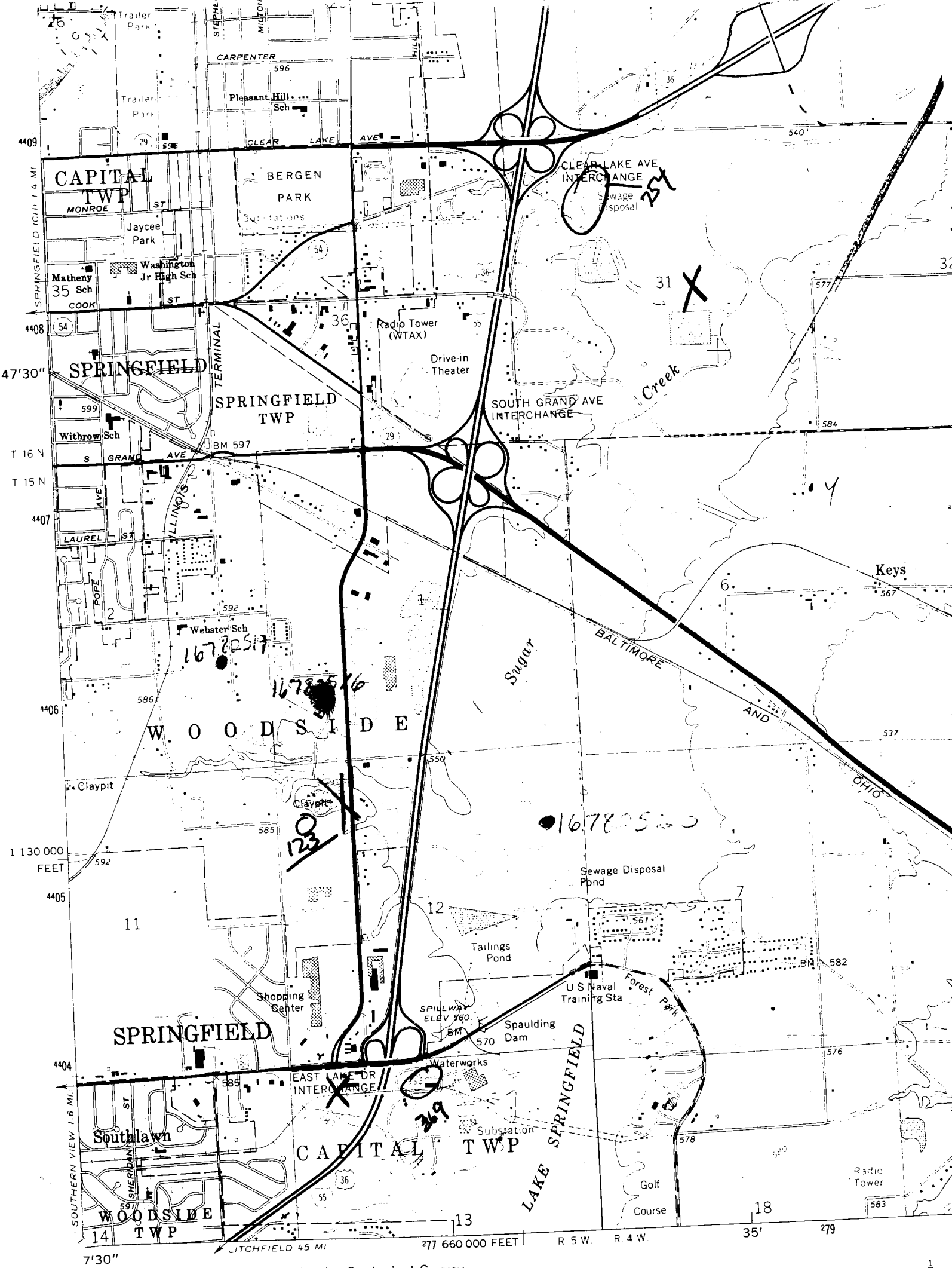
Due to repeated operational violations, this site is given a medium priority and an inspection is needed to assure operations are in order.

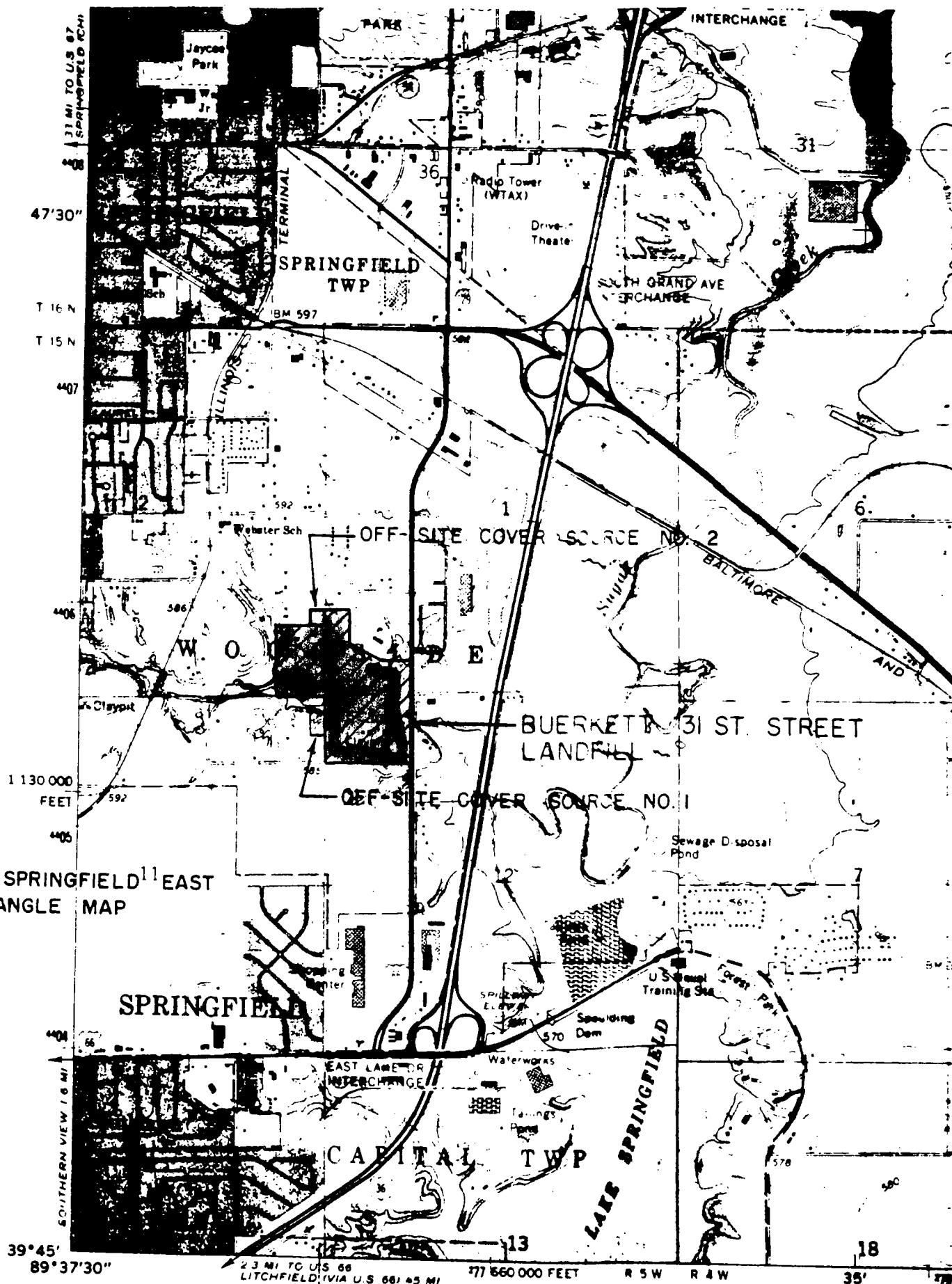
KP:tk:4/9/12(3/25/86)

SUPPLEMENTAL WASTE PERMITS

<u>Waste Name</u>	<u>Waste Generator</u>
Fuel #4 Oil Absorbant Pad	Pierce Waste Oil
Contaminated Fuel Oil/Soil	All-Ways Trucking
Septic Sludge	Latin School
Dead Cow	William Parker
Soil Contaminated with Diesel Fuel	Tim Hansen
Gas and Fuel Oil Contaminated Dirt	Barney's Furniture
Soil and Diesel Fuel	Western Coal Express Co.
Fuel Oil and Water	Big Three Corporation
Pea Gravel and Fuel Oil	Big Three Corporation
Sorbent Material	Valley Steel Products, Inc.
Fuel Oil Contaminated Debris	Chicago & Illinois Midland RR
Cutting Oil Emulsion	Fiat-Allis
Grease Trap Cleanings	Community Sanitation
Oil Filter Sludge Cake	Central Refining Company
Neutralized Liquor Water	ADM
Paint Booth Sludge	Fiat-Allis
Grinder Sludge	Fiat-Allis
Scrubber Sludge	City of Springfield
Frozen Animal Carcasses	Sangamon County Animal Pound
Car Wash & Grease Trap Pumpings	Portable Sanitation Systems
Asbestos Insulation Scrap	CIPS - Meredosia Station
Wastewater Treatment Sludge	Springfield - CWLP

KP:tk:4/9/13





RECEIVED
JUL 16 1985

IEPA-DLPC

(CHATHAM)
3003 II NW

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
photographs taken 1964. Field checked 1965
Supersedes map dated 1948

Polyconic projection 1927 North American

